MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1955

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

AUGUST 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degress Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	54.7	54.8	55.3	54.9	31.4	23.6	29.3	31.0	26.1	28.8
2	55.4	55.4	56.2	55.7	32.0	23.4	28.9	30.9	25.6	28.5
3	57.3	56.6	56.8	56.9	30.2	23.8	28.6	29.9	26.0	28.2
4	57.1	57.0	56.6	56.9	32.9	24.7	29.3	31.9	26.7	29.3
5	55.3	54.3	54.3	54.6	32.8	24.4	29.2	31.9	26.9	29.3
6	54.0	53.4	53.3	53.6	31.8	24.3	29.6	30.5	26.6	28.9
7	53.1	52.4	53.0	52.5	32.5	25.0	28.8	32.2	27.2	29.4
8	53.2	53.5	54.2	53.6	32.4	24.2	29.3	32.1	26.7	29.4
9	54.7	55.0	55.4	55.0	32.2	23.4	29.3	32.0	26.1	29.1
10	55.4	55.0	55.2	55.2	32.2	24.0	28.3	31.6	25.6	28.5
11	55.8	55.8	56.4	56.0	31.3	24.3	28.6	31.1	25.7	28.5
12	56.8	56.5	57.2	56.8	31.8	23.3	28.6	31.1	25.9	28.5
13	57.2	56.0	56.3	56.5	31.6	23.4	28.1	31.3	26.1	28.5
14	55.0	54.2	54.3	54.5	31.9	24.3	28.3	31.6	26.6	28.8
15	53.5	53.4	53.8	53.6	32.4	24.2	28.8	32.1	26.8	29.2
16	54.8	54.7	55.4	55.0	32.7	24.2	29.4	32.2	26.4	29.3
17	55.3	55.3	55.6	55.4	32.2	24.6	28.9	31.7	26.7	29.1
18	56.0	56.1	56.7	56.3	31.9	23.6	29.1	31.4	25.6	28.7
19	57.1	57.3	57.6	57.3	31.6	23.6	28.1	31.1	25.6	28.3
20	57.3	56.6	56.4	56.8	31.1	23.9	28.3	30.0	26.1	28.1
21	56.0	55.4	55.7	55.7	32.0	23.8	28.1	31.9	26.1	28.7
22	55.7	55.6	55.7	55.7	31.5	24.7	28.0	29.9	26.9	28.3
23	56.0	55.2	55.3	55.5	31.8	24.4	28.6	30.6	26.9	28.7
24	55.4	54.7	54.8	55.0	31.4	24.7	27.9	30.7	25.8	28.1
25	55.0	54.5	54.8	54.8	31.4	26.1	28.2	28.9	26.8	28.0
26	55.5	54.5	54.3	54.8	31.6	25.2	30.2	30.4	27.2	29.3
27	54.6	53.5	53.7	53.9	32.0	23.8	27.9	31.7	26.3	28.6
28	53.9	53.6	54.2	53.9	31.7	25.0	28 9	31.1	26.3	28.8
29	55.4	55.4	55.9	55.6	31.0	25.4	28.5	28.9	25.9	27.8
30	56.0	55.9	56.1	56.0	30.9	25.8	29.7	30.1	26.2	28.7
31	55.7	54.2	53.8	54.6	31.3	24.9	28.1	28.2	26.2	27.5
	55.43	55.03	55.30	55.24	31.79	24.32	28.74	30.97	26.31	28.67

Barometer, range for month 757.6 mm. — 752.4 mm.
„ 71-yr. average for month 756.00 mm.
Thermometer, range for month 32.9°C — 23.3°C
„ 71-yr. average for month 28.57°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.45 mm.
„ Total, Sept. 1st. to end of month 738.66 mm.
„ 71-yrs. average. Sept. 1st. to end of month 892.30 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	21.7	22.5	21.1	21.8	53	50	61	55	10.4	402.0	
2	20.1	23.9	21.5	21.8	51	52	66	56	10.8	180.0	
3	21.2	22.6	24.4	22.7	56	54	71	60	12.5	183.0	
4	25.2	28.6	28.9	27.6	62	62	83	69	12.2	272.0	
5	27.1	24.9	26.7	26.2	68	54	77	66	11.9	394.0	
6	22.4	25.8	25.3	24.5	56	59	73	63	11.7	306.0	
7	26.4	29.0	28.4	27.9	66	59	79	68	11.7	441.0	
8	25.2	25.9	25.3	25.5	61	54	72	62	11.6	435.0	
9	24.5	25.9	25.7	25.4	59	54	76	63	11.8	237.0	
10	23.3	25.6	24.1	24.3	60	54	74	63	10.2	389.0	
11	21.9	23.2	22.8	22.6	58	51	70	60	10.7	277.0	
12	19.3	20.4	22.4	20.7	51	45	66	54	11.8	290.0	
13	19.7	21.7	23.0	21.5	54	48	67	56	12.1	369.0	
14	24.0	26.3	26.7	25.7	63	57	77	66	12.1	417.0	
15	27.1	29.7	27.4	28.0	68	61	78	69	12.4	306.0	
16	26.7	29.0	27.2	27.6	64	60	81	68	12.4	204.0	
17	23.7	26.3	21.9	24.6	64	57	62	61	12.5	349.0	
18	24.2	21.1	22.1	22.5	61	47	67	58	11.5	203.0	
19	21.0	23.9	22.8	22.6	65	53	69	62	12.3	183.0	
20	22.6	24.8	25.1	24.2	58	58	75	64	12.2	150.0	
21	25.4	25.6	25.1	25.4	65	56	75	65	12.1	203.0	
22	25.8	26.2	24.6	25.5	69	61	70	67	11.0	212.0	
23	23.3	22.9	23.9	23.4	62	53	68	61	9.6	232.0	
24	21.7	24.3	23.5	23.2	59	55	72	62	10.5	138.0	
25	25.4	25.7	25.3	25.5	65	64	74	68	3.7	262.0	
26	25.5	30.3	30.7	28.8	61	70	86	72	10.6	380.0	
27	28.0	28.6	27.9	28.2	74	61	83	73	11.3	267.0	
28	26.4	28.3	26.5	27.1	67	63	79	70	11.4	237.0	
29	25.4	24.2	25.1	24.9	67	62	74	68	5.8	121.0	
30	25.2	26.9	26.5	26.2	62	65	79	69	9.2	158.0	
31	26.5	26.1	25.1	25.9	71	68	75	71	3.1	174.0	
	24.13	25.49	25.06	24.90	61.9	57.0	73.5	64.2	10.74	270.03	0.00

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	6cu-st	2cu-st	4cu-st	4.0	1sw	2sw	1sw	slight	
2	4cu-st	3cu-st	0	2.3	1sw	1sw	1nw	light	
3	2cu-st	0	0	0.7	1n	1n	1n	,,	
4	0	7ci-st	0	2.3	1sw	1nw	1w	,,	
5	0	0	0	0.0	1sw	2sw	1sw	,,	
6	0	10cu-st	0	3.3	1sw	1sw	1sw	light	
7	0	0	10st	3.3	1sw	1sw	1sw	,,	H. all day
8	1cu	1cu	0	0.7	2sw	2sw	1sw	,,	H.a.m
9	1cu	1cu	2st	1.3	2sw	1sw	1sw	,,	
10	0	6cu-st	0	2.0	1sw	1w	1w	,,	
11	7cu-st	4st	8st	6.3	1sw	1sw	1w	light	
12	1cu-st	7ci-st	8st	5.3	1sw	1w	1w	,,	
13	1cu	0	0	0.3	1sw	1w	1w	,,	
14	0	2cu-st	0	0.7	1sw	1sw	1sw	,,	
15	0	1cu-st	0	0.3	2sw	1sw	1sw	,,	H.a.m
16	0	0	0	0.0	1sw	1sw	1sw	light	
17	0	0	0	0.0	1sw	1w	1w	,,	
18	3cu	1cu	0	1.3	1w	1nw	1nw	,,	
19	0	6cu-st	5cu-st	3.7	1nw	1n	1n	,,	
20	0	4cu-st	0	1.3	1n	1nw	1nw	,,	
21	3cu-st	2cu-st	1st	2.0	1w	1w	1w	light	
22	0	8st	10st	6.0	1w	1w	1w	,,	
23	4cu-st	3st	10st	5.7	1sw	1w	0	,,	
24	3cu-st	5cu-st	4st	4.0	1sw	1nw	1n	,,	
25	10cu-st	10st	10st	10.0	1nw	1n	1n	,,	
26	10st	0	10st	6.7	1e	2n	1ne	light	H. p.m.
27	3cu-st	1st	7st	3.7	1sw	1w	1sw	,,	
28	3cu-st	7st	0	3.3	1sw	1sw	1sw	,,	H. a.m. p.m.
29	5cu-st	10st	0	5.0	1sw	1nw	1nw	,,	
30	6cu-st	9st	10st	8.3	1ne	1n	1n	,,	
31	10st	10st	7cu-st	9.0	1nw	1w	1w	,,	
	mean			3.32					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	1	1	0	0	21	3	3	0	31
14:30	5	0	0	0	0	12	9	5	0	31
20:30	5	1	0	0	0	11	9	4	1	31
Total	12	2	1	0	0	44	21	12	1	93

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.18